



University : UzSWLU
Country : Uzbekistan
Web Address : <https://www.uzswlu.uz/en>

[2] Energy and Climate Change (EC)

The use of smart buildings in universities can bring significant benefits. Here are some advantages:

Energy saving. Intelligent lighting, heating and ventilation control systems can automatically adjust energy consumption depending on the time of day and the presence of people, which leads to lower utility costs.

Safety. Modern technologies make it possible to monitor unauthorized access to premises, prevent fires and other emergencies, as well as respond promptly to them.

Comfort. Smart buildings are able to maintain optimal indoor conditions such as temperature, humidity and air quality, which contributes to improving the well-being of students and staff.

Effectiveness. Automation of routine processes, such as lighting and water flow control, frees up staff time for more important tasks.

In general, the use of smart technologies in university buildings contributes to improving the quality of education and creating a comfortable environment for learning and work.



No.	Name	Place	Automation		Safety				Energy		Water		Indoor environment				Lighting				Building Area (m ²) Бино (m ²)
			B1	B2	S1	S2	S3	S4	E1	E2	A1	A2	I1	I2	I3	I4	L1	L2	L3	L4	
			1	UzSWLU; Main Campus	Tashkent, Uzbekistan, Kichik xalka G9,21a		X						X								
2	UzSWLU; faculty of international journalism	Tashkent, Uzbekistan, Lutfiy,8	X			X			X						X	X					Building Area (3,476m ²) Total area (4,428m ²)
3	UzSWLU faculty of Russian philology	Tashkent, Uzbekistan, Mukimi, 104	X			X	X		X					X			X				Building Area (5,385m ²) Total area (6,772m ²)
4	UzSWLU faculty of English philology	Tashkent, Uzbekistan, Zakovat, 4		X		X	X		X					X						X	Building Area (8,346m ²) Total area (6,942m ²)
Total																					Building area (37,147m²) Total area (41,503m²)

Smart building implementation

$$\frac{37,147m^2}{41,503m^2} \times 100\% = 89,5\%$$



1.Main Campus (UzSWLU)



2.Faculty of International Journalism (UzSWLU)



3.Faculty of Russian Philology (UzSWLU)



4.Faculty of English Philology (UzSWLU)

